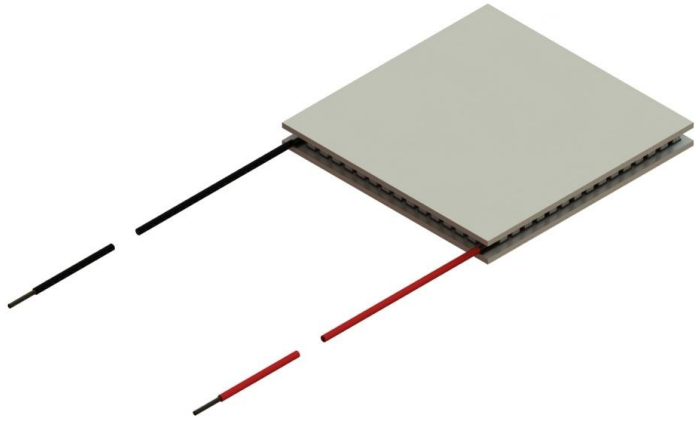
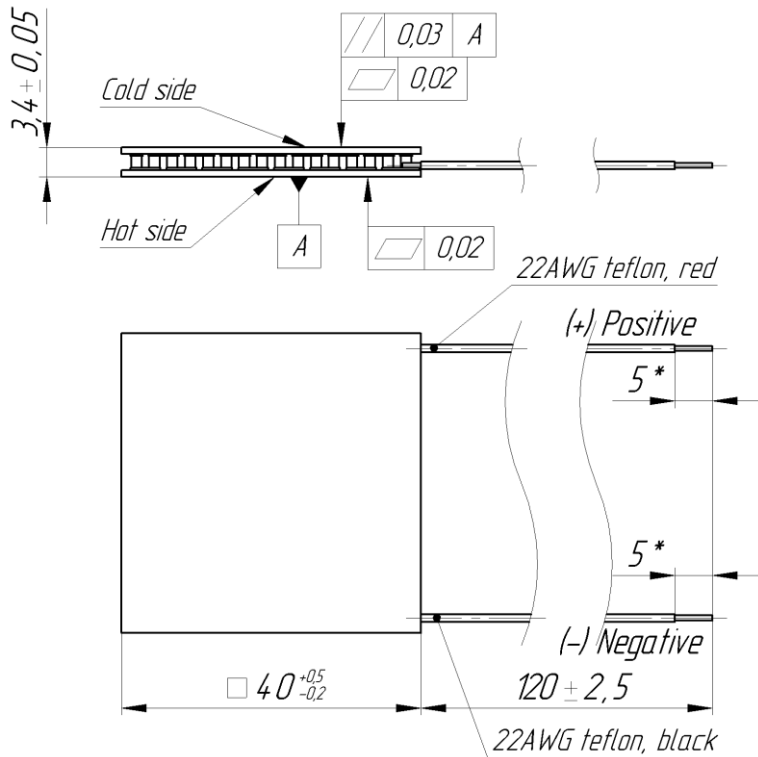


SPECIFICATION OF THERMOELECTRIC MODULE ICE-71 HT(280)



<i>Thermoelectric parameters</i>	<i>Unit</i>	<i>Value</i>
I_{max}	A	8
U_{max}	V	16.1
ΔT_{max} ≥	K	71
Q_{max} ≥	W	80
R_{ac} (at 295 K)	Ohm	1.5
Tolerance R_{ac}	%	±10
<i>All parameters except R_{ac} are given at Th=300 K</i>		



<i>Assembly parameters</i>	<i>Unit</i>	<i>Value</i>
Wires	22AWG teflon	
Cross section	mm²	0.326
Metallization	Not	
Sealing	Not	
Internal solder	°C	300
Brazing solder	°C	Not

<i>Operation parameters</i>	<i>Unit</i>	<i>Value</i>
Working temperature range	°C	-50 ÷ +280
Max. processing temperature	°C	290
ROHS compliance		Yes